

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
 Data File : BM044755.D
 Acq On : 25 Mar 2024 14:46
 Operator : MA/JU
 Sample : P1788-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PEZOMETER-206RE

Quant Time: Mar 25 15:21:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

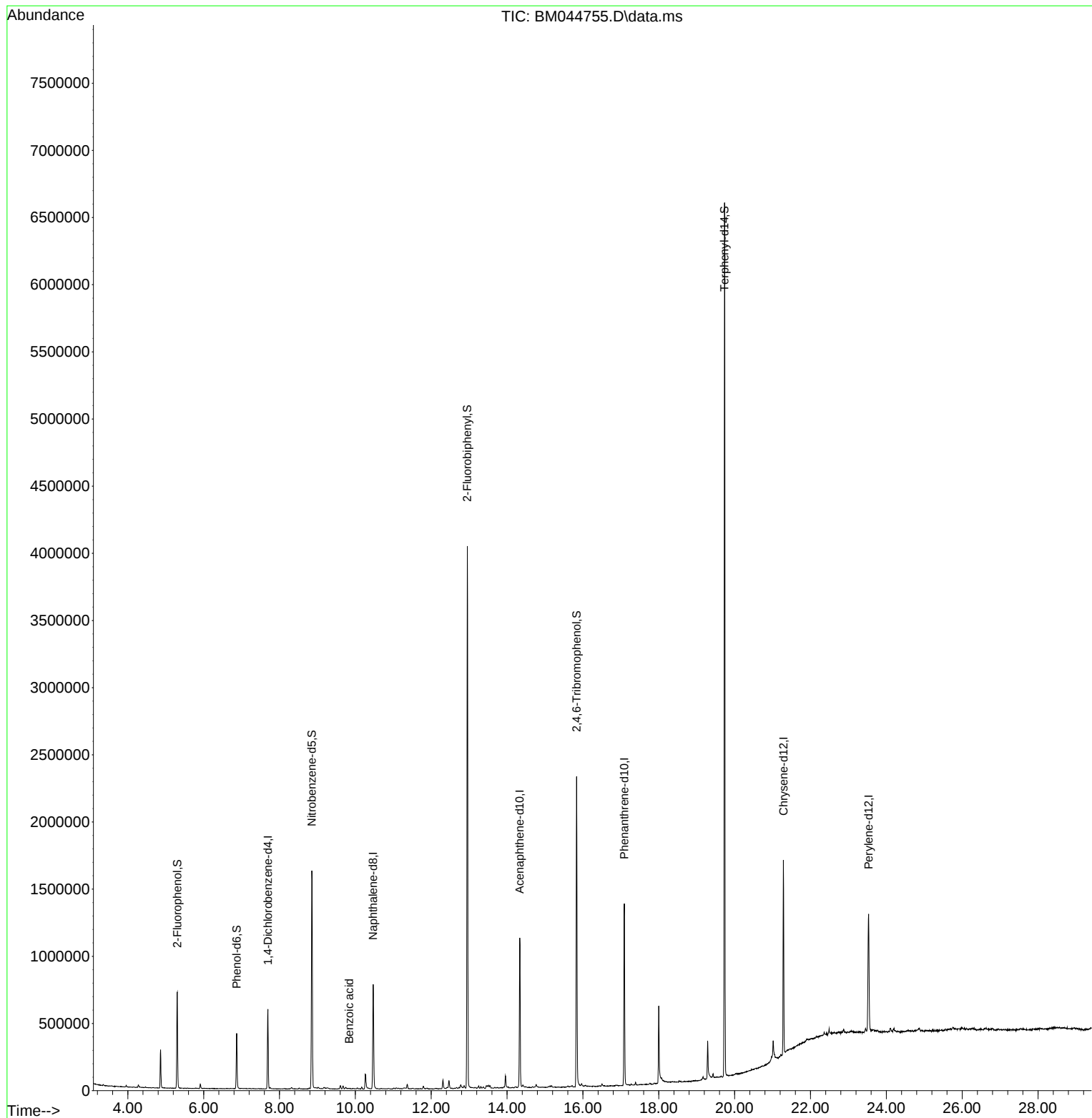
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	153419	20.000	ng	-0.01
21) Naphthalene-d8	10.469	136	632721	20.000	ng	-0.02
39) Acenaphthene-d10	14.333	164	394878	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	793815	20.000	ng	-0.01
76) Chrysene-d12	21.286	240	649621	20.000	ng	-0.02
86) Perylene-d12	23.533	264	647535	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	302899	28.347	ng	0.00
7) Phenol-d6	6.869	99	233634	16.995	ng	-0.01
23) Nitrobenzene-d5	8.851	82	929671	70.786	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	382467	87.815	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	2005038	69.930	ng	-0.02
79) Terphenyl-d14	19.733	244	3048385	82.089	ng	-0.01
Target Compounds						
32) Benzoic acid	9.839	122	214	3.645	ng	Qvalue # 41

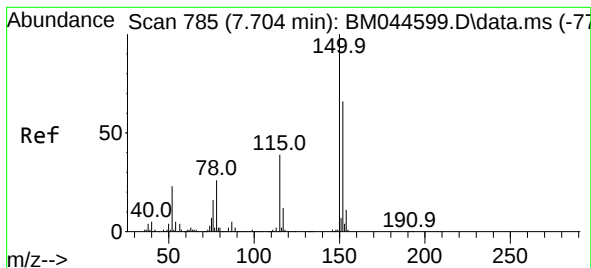
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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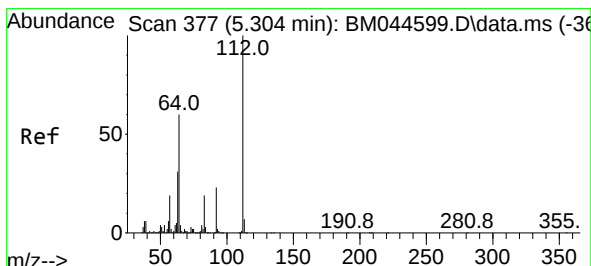
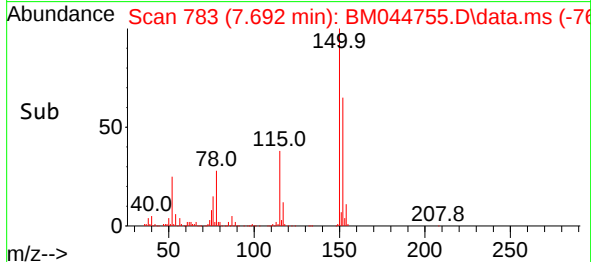
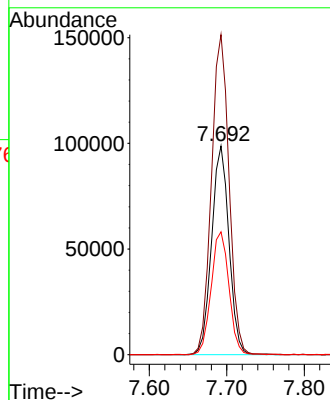
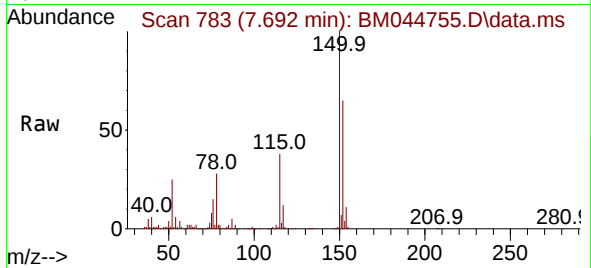




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

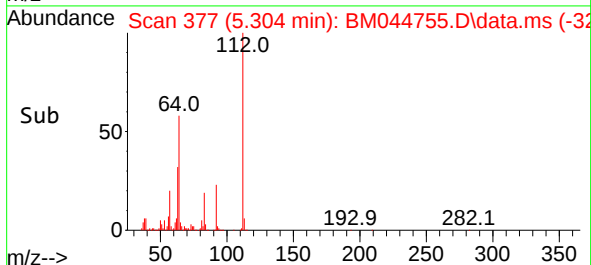
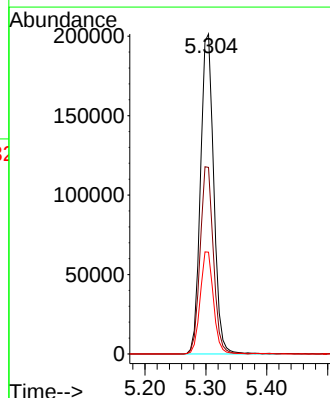
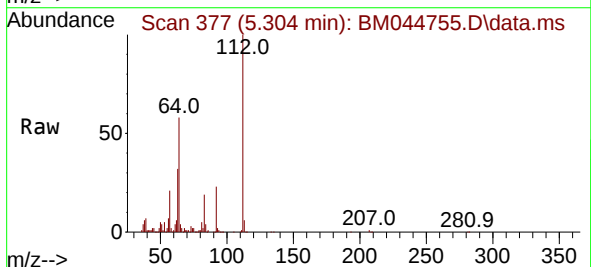
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

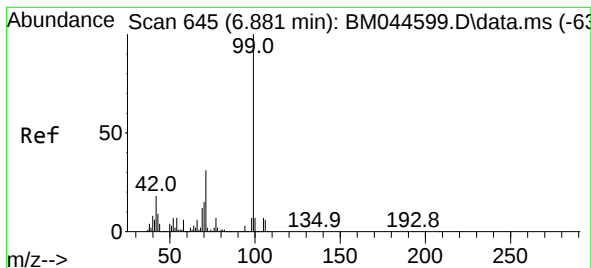
Tgt Ion:152 Resp: 153419
Ion Ratio Lower Upper
152 100
150 153.3 121.9 182.9
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 28.347 ng
RT: 5.304 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion:112 Resp: 302899
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 31.8 25.0 37.4





#7

Phenol-d6

Concen: 16.995 ng

RT: 6.869 min Scan# 64

Delta R.T. -0.012 min

Lab File: BM044755.D

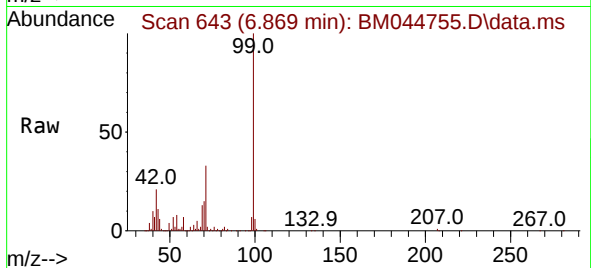
Acq: 25 Mar 2024 14:46

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-206RE



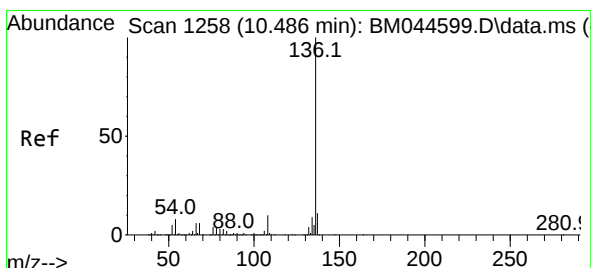
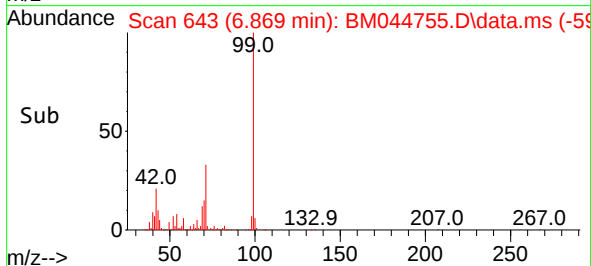
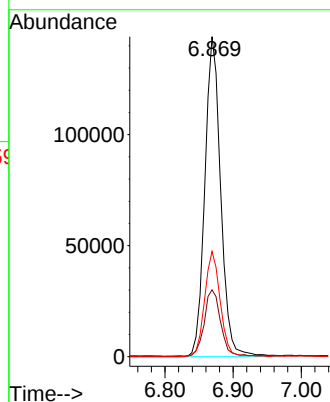
Tgt Ion: 99 Resp: 233634

Ion Ratio Lower Upper

99 100

42 20.9 14.3 21.5

71 32.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.469 min Scan# 1255

Delta R.T. -0.018 min

Lab File: BM044755.D

Acq: 25 Mar 2024 14:46

Tgt Ion: 136 Resp: 632721

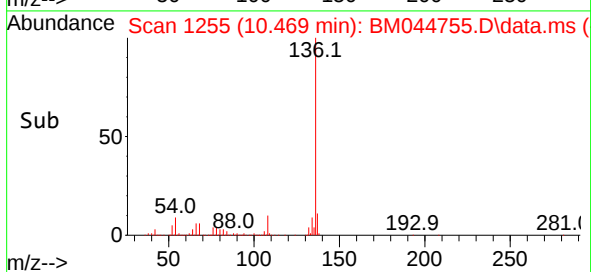
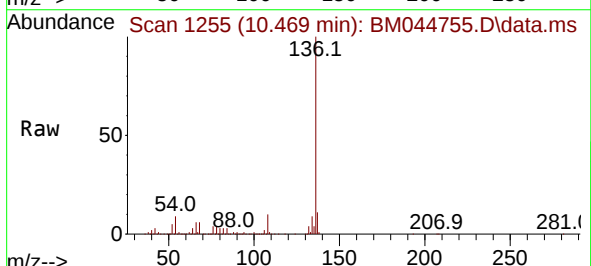
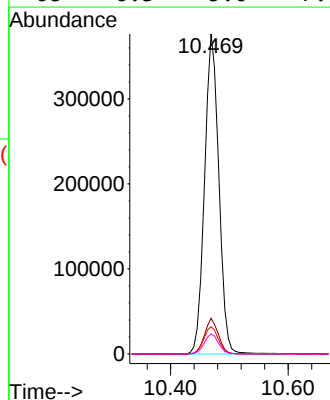
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.5 6.6 10.0

68 6.3 5.0 7.4

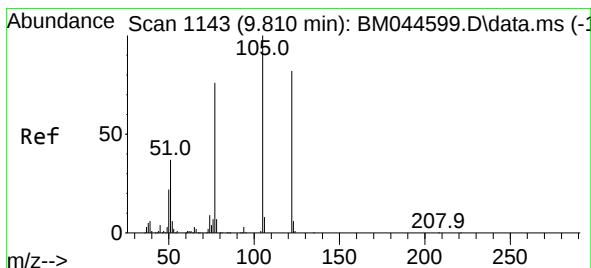
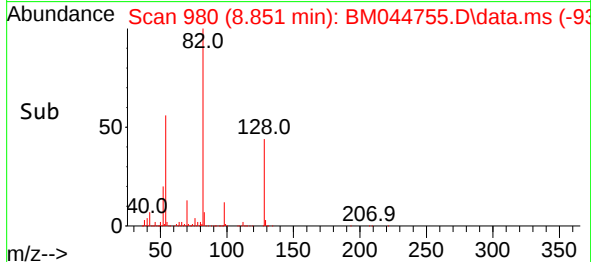
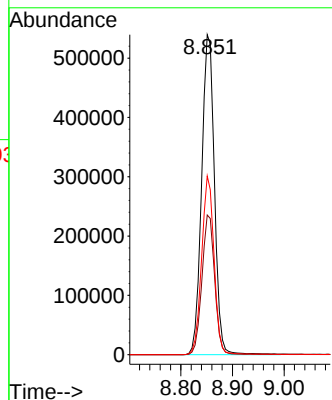
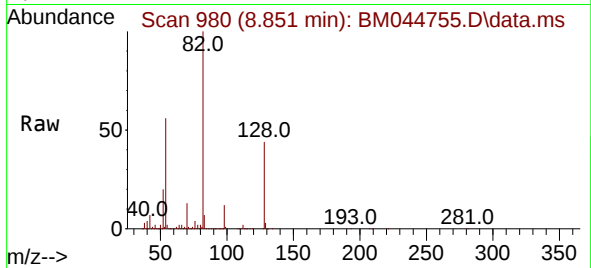




#23
Nitrobenzene-d5
Concen: 70.786 ng
RT: 8.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

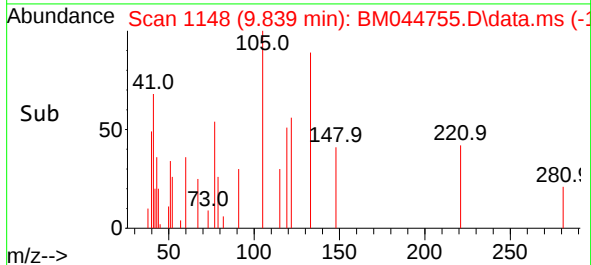
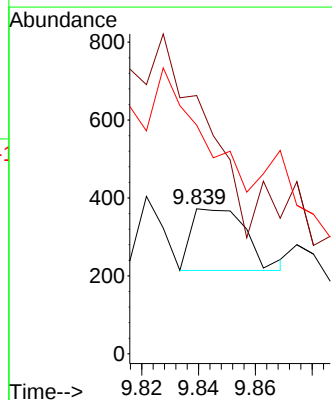
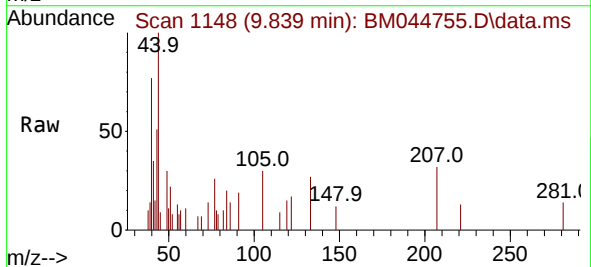
Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

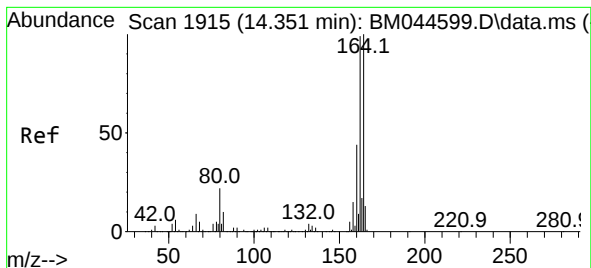
Tgt Ion: 82 Resp: 929671
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 55.8 41.3 61.9



#32
Benzoic acid
Concen: 3.645 ng
RT: 9.839 min Scan# 1148
Delta R.T. 0.029 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion: 122 Resp: 214
Ion Ratio Lower Upper
122 100
105 178.2 100.0 140.0#
77 157.8 72.5 112.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.333 min Scan# 1915

Delta R.T. -0.018 min

Lab File: BM044755.D

Acq: 25 Mar 2024 14:46

Instrument :

BNA_M

ClientSampleId :

PEZOMETER-206RE

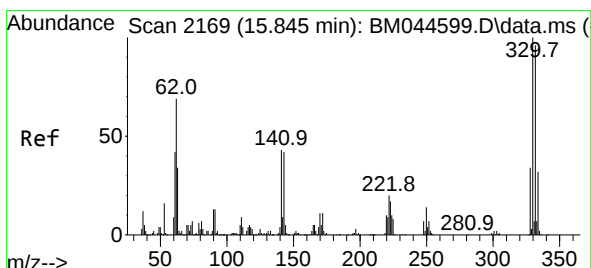
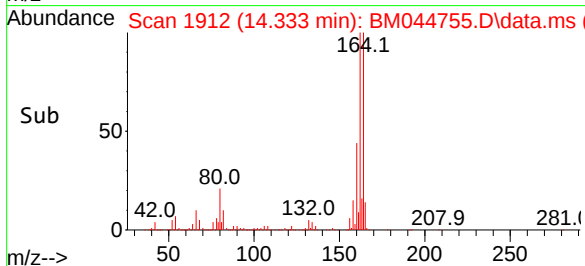
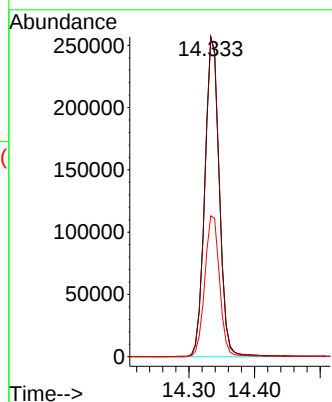
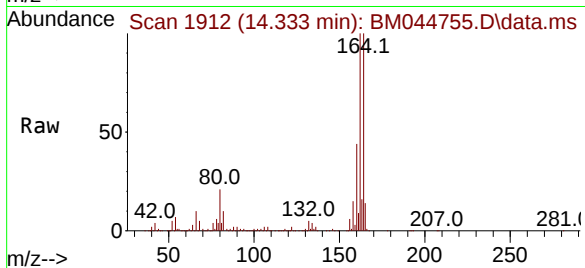
Tgt Ion:164 Resp: 394878

Ion Ratio Lower Upper

164 100

162 99.7 79.3 118.9

160 44.0 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 87.815 ng

RT: 15.833 min Scan# 2167

Delta R.T. -0.012 min

Lab File: BM044755.D

Acq: 25 Mar 2024 14:46

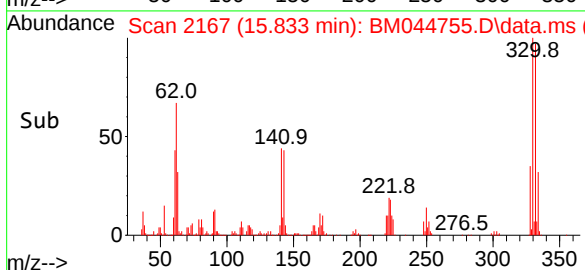
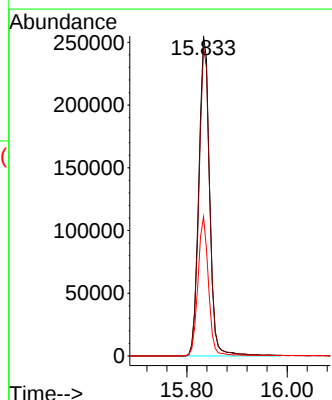
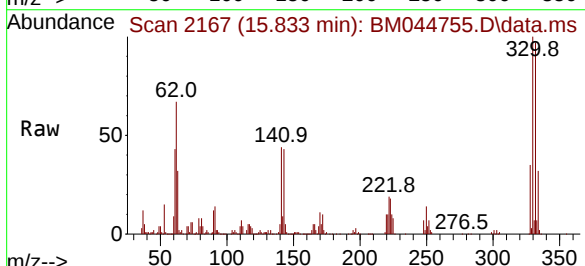
Tgt Ion:330 Resp: 382467

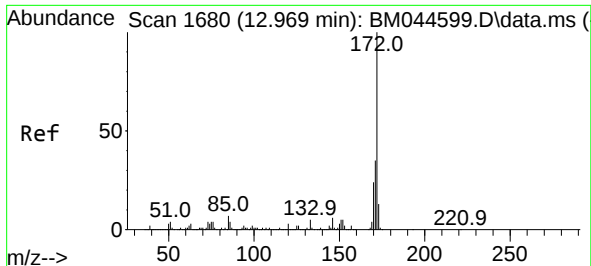
Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.8

141 42.5 33.4 50.0

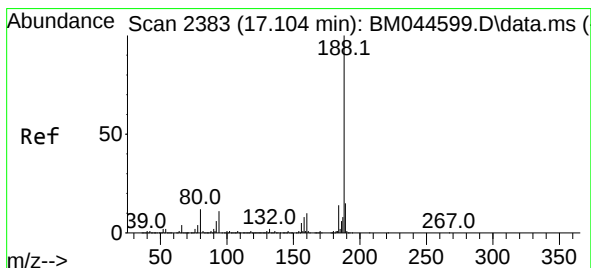
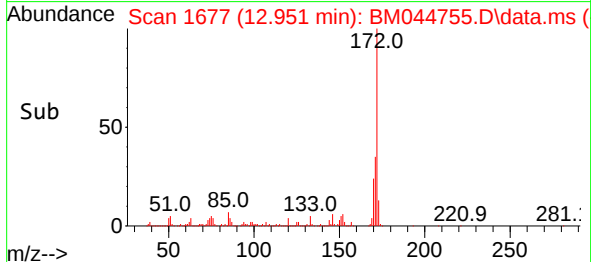
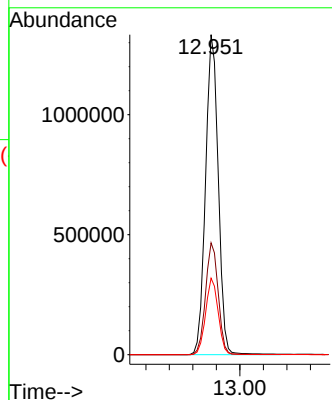
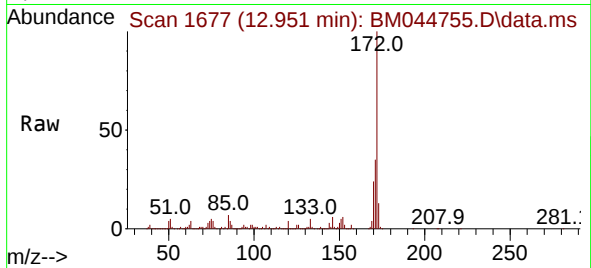




#45
2-Fluorobiphenyl
Concen: 69.930 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

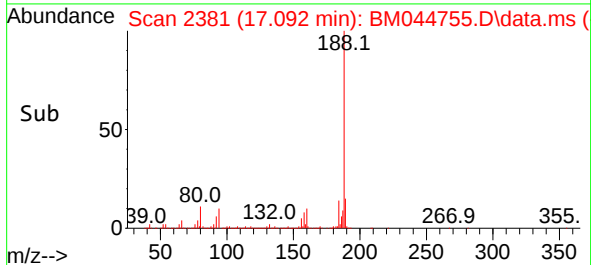
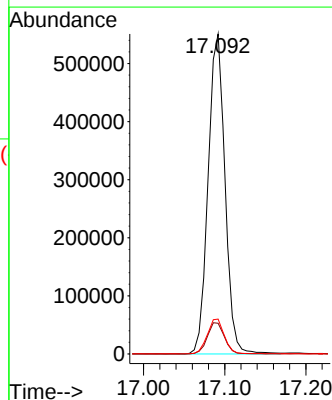
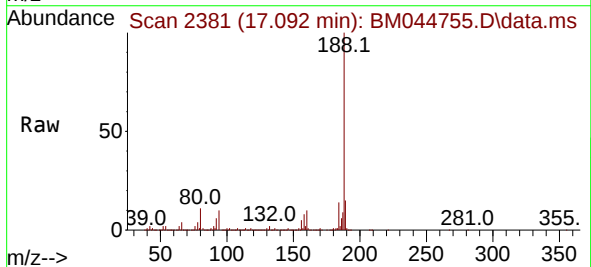
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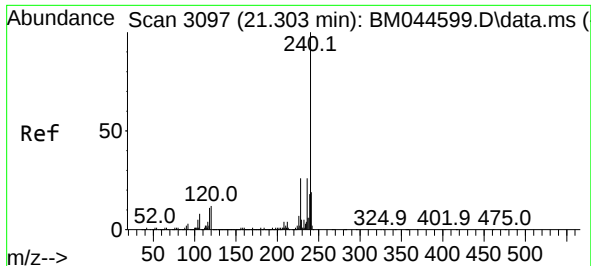
Tgt Ion:172 Resp: 2005038
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.9 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion:188 Resp: 793815
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.9 9.4 14.0

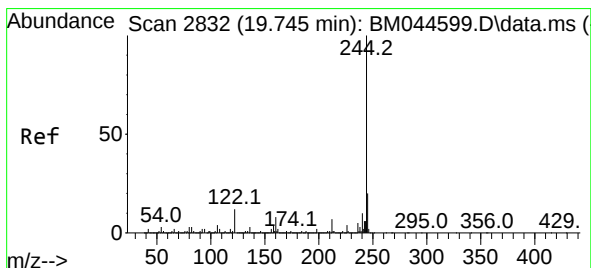
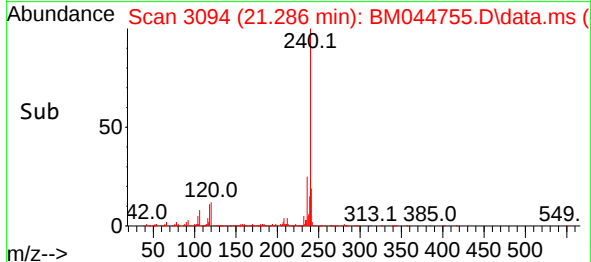
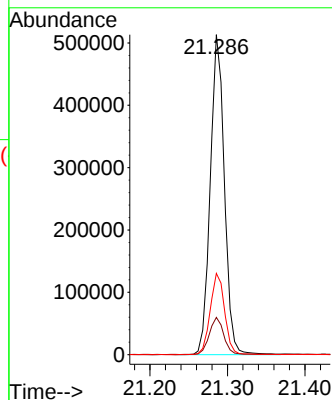
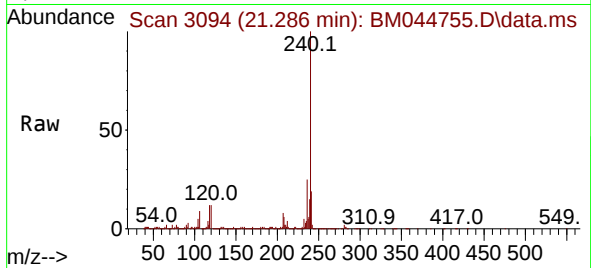




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

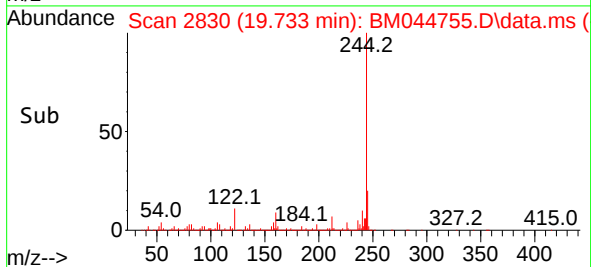
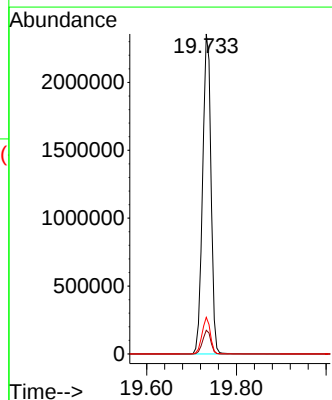
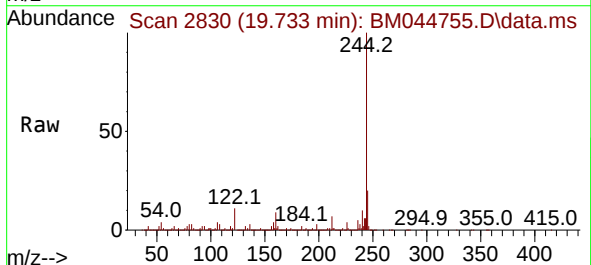
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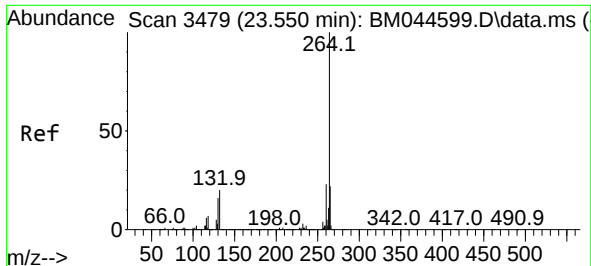
Tgt Ion:240 Resp: 649621
Ion Ratio Lower Upper
240 100
120 11.7 9.7 14.5
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 82.089 ng
RT: 19.733 min Scan# 2830
Delta R.T. -0.012 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Tgt Ion:244 Resp: 3048385
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 11.5 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.533 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM044755.D
Acq: 25 Mar 2024 14:46

Instrument :
BNA_M
ClientSampleId :
PEZOMETER-206RE

Tgt Ion:264 Resp: 647535

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.2	17.5	26.3

